Indigenous production of heavy water

347. SHRI MUKHTIAR SINGH MALIK: Will the PRIME MINISTER be pleased to state:

(a) what are the details of the proposal/programme chalked out by Government to increase production of heavy water in the country;

(b) by what time the requirement of heavy water is likely to be met indigenously; and

(c) what are the expected financial implications thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF ATOMIC ENERGY, SPACE, ELECTRONICS and OCEAN DEVELOPMENT (SHRI SHIVRAJ V. PATIL): (a) In addition to five operating Heavy Water Plants at Nangal, Tuticorin, Baroda, Talcher and Kota, two plants are under construction at Thal and Manuguru scheduled for completion in February 1987 and April 1988 respectively. In addition, a proposal for another Heavy Water Plant at Hazira is also under consideration.

(b) The capacities of the existing and the planned Heavy Water Plants are such as to ensure self-sufficiency with respect to heavy water for the nuclear power programme. For the Rajasthan Station, the make-up requirement is being met through imports from the Soviet Union under an existing agreement.

(c) The requirement of funds for VII Plan for heavy water programme has been assessed at Rs. 1150 crores. The actual allocation is under discussion with the Planning Commission.

Pollution due to proposed fertilizer plant in Andhra Pradesh

348. PROF. B. RAMACHANDRA RAO: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the Nagarjuna Fertilizers are setting up a fertilizer plant at Kakinada in Andhra Pradesh;

(b) whether the Departments of Environment in the State and at Centre have cleared the proposal from air pollution angle;

(c) if not, by when it is likely to be cleared by the Central Government; and

(d) what remedial measures the Central Government propose to take to prevent the coastal city from being affected by air pollution?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI VIR SEN): (a) Yes, Sir.

(b) to (d) The Department of Environment, Government of India has not received any proposal for clearing the project from air pollution angle. However, a number of representations regarding location of the plant have been referred to the Department of Environment. These have been referred to the State Government for necessary action.

Identification of industries causing pollution

349. PROF. B. RAMACHANDRA RAO: Will the PRIME MINISTER be pleased to state:

(a) what are the industries which had been identified by Government as industries causing high pollution;

(b) whether the clearance from the Department of Environment is a necessary pre-condition for setting up an industrial unit and also the clearance for the site; and

(c) whether Government have decidd to insist on the installation of equipment for prevention and control of pollution before the production commences by the industries?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI VIR SEN): (a) A